

No English title available.

Patent Number: DE19919428
Publication date: 2000-11-23
Inventor(s): BAUER JUERGEN (DE); KRAH THORSTEN (DE); SCHROEDER STEFAN (DE)
Applicant(s): TYCO ELECTRONICS LOGISTICS AG (CH)
Requested Patent: ☐ DE19919428
Application Number: DE19991019428 19990428
Priority Number(s): DE19991019428 19990428
IPC Classification: G02B6/36
EC Classification: G02B6/38D6N
Equivalents: ☐ EP1180248 (WO0067056), B1, ES2187460T, JP2002543466T, ☐ WO0067056

Abstract

The invention relates to a ferrule (4) for an optical waveguide (1), characterized in that said ferrule (4) is made of a plastic material and, for example, more transparent than the wrapping (2, 3) of the optical waveguide (1). According to the method for fixing a ferrule (4) to an optical waveguide (1) provided for in the invention, an outer wrapping (2) of one end of the optical waveguide (1) is partly stripped and an inner wrapping (3) of said optical waveguide (1) exposed; the ferrule (4) is slid on to the stripped area of the optical waveguide (1); and the ferrule (4) is at least in some areas welded to the contact surface with the inner wrapping (3) of the optical waveguide (1). Owing to the transparency of the ferrule (4) a laser light is able almost completely to penetrate said ferrule (4) when carrying out a so-called transmission technique and be active in the outermost area of the wrapping (2, 3) of the optical waveguide (1).

Data supplied from the esp@cenet database - I2